

RAVESHIA COLOURS PVT LTD



PLOT NO 123, G.I.D.C. VAPI , DIST BULSAR 396 195, GUJRAT

Email:- Sales@raveshia.com Web:www.raveshia.com

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product details

Trade Name ZINC CROMATE
Use of the Substance / the preparation It is used as a rust inhibitor in metal paints

Company / undertaking identification

Supplier (Manufacturer) Raveshia Colours PVT LTD
Address 11th Floor , Casablanca , Gulmohar Cross
No 10, Juhu Vile Parle West.
Telephone +912226212222/23/24/25
Email sales@raveshia.com

2. HAZARDS IDENTIFICATION

- * Zinc Chromate can affect you when breathed in and may enter the body through the skin.
- * Repeated exposure can cause a hole in the bone dividing the inner nose. Nose bleeds and Sores are earlier signs.
- * Exposure can irritate the skin causing rash or skin ulcers. Can also trigger a skin allergy. So that even low exposures cause rash.

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3. HOW TO DETERMINE IF YOU ARE BEING EXPOSED

- * Exposure to hazardous substances should be routinely evaluated. This may include Collecting personal and area air samples. You can obtain copies of sampling results from your employer.
- * If you think you are experiencing any work – related health problems. See a doctor trained to recognize occupational diseases. Take this fact sheet with you.

4. WORKPLACE EXPOSURE LIMITS

- * The recommended airborne exposure limit is 0.05 mg/m³ for Chromium VI compounds measured as Chromium averaged over an 8-hour work-shift.
- * The above exposure limits are for air levels only. When skin contact also occurs, you may be over exposed, even though air levels are less than the limits listed above.

5. WAYS OF REDUCING EXPOSURE

- * Where possible, enclose operations and use local exhaust ventilation at the site of chemical release. If local exhaust ventilation or enclosure is not used, respiration should be worn.
- * Wear protective work clothing.
- * Wash thoroughly immediately after exposure to Zinc Chromate and at the end of the workshift.
- * Post hazard and warning information in the work area. In addition as part of an ongoing education and training effort, communicate all information on the health and safety hazard of Zinc Chromate to potentially exposed workers.

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6. HEALTH HAZARD INFORMATION

Acute Health Effects

The following acute (short-term) health effects may occur immediately or shortly after exposure to Zinc Chromate:

- * Exposure, especially to higher levels, may irritate the throat and air passages.
- * Eye contact may cause irritation.

7. CHRONIC HEALTH EFFECTS

The following chronic (long-term) health effects can occur at some time after exposure to Zinc Tetroxy Chromate and can last for months or years

8. CANCER HAZARD

While Zinc Tetroxy Chromate has not been identified as a carcinogen, certain kinds of Chromium compounds, known as hexavalent Chromium or Chromium VI compounds, have been determined to be human carcinogens. Zinc Tetroxy Chromate is such a compound and should therefore be handled with extreme caution.

9. OTHER LONG-TERM EFFECTS

Repeated exposure can cause nose bleeds and sores in the nose. If exposure persists, this can lead to a hole in the bone dividing the inner nose.

Repeated skin contact can cause rash and even skin ulcers.

Skin allergy can occur. Once this develops, even low exposure can trigger rash.

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10. Toxicological Information

Oral	Rat	<u>LD 50 3118 mg/kg</u>
<u>Intratracheal</u>	Rat	LD 50 16.60 mg/kg
Oral	Mammal(unspecified species)	LD >1500 mg/kg

EEC classified as Carcinogen class C2 for human being.

Animal sufficient Evidence (IARC Group 1 for hexavalent Chromium Compounds). An excess risk for lung and sinonasal cancer has been reported on workers in the Chromate and Chromate Pigment production and Chromium plating industries. Two samples of Strontium were tested on rats by intrabronchial implantation, producing a high incidence of Bronchial Carcinomas, intrapleural and intramuscular injection of Strontium Chromate produced local Sarcomas.

Experience on practice

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

11. FIRE HAZARDS

- * Zinc Chromate may burn, but does not readily ignite.
- * Use dry chemical, CO₂, water spray, or foam extinguishers.

12. FIRE AID

Eye Contact

- * Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting upper and lower lids.

Skin Contact

- * Quickly remove contaminated clothing. Immediately wash contaminated skin with large amounts of soap and water.

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13. TRANSPORT INFORMATION

GGV IMDG CODE : None : UN NO. : None

ICAO/IATA-DGR : None : RID/ADR : None

14. PHYSICAL DATA

Water Solubility: Insoluble

15. WATER SOLUBILITY

Zinc exists as a variety of salts, many of which are highly soluble in water.